

#

325

DIREKTOR, B. YA., LUNEYEV, V. V., TSYGANKOV, S. P., SHMUKLER, B. I., Engs.

Steam Boilers

Starting a high-pressure uniflow boiler assembly with shaft mills. Elek. sta.
23 no. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

AID P - 1324

Subject : USSR/Engineering

Card 1/1 Pub. 110-a - 6/19

Authors : Direktor, B. Ya., Luneyev, V. V. and Shishkin, A. S.,
Engineers

Title : Results obtained in the operation of a high pressure
continuously operating coil boiler unit with liquid
slag removal

Periodical : Teploenergetika, 2, 26-31, F 1955

Abstract : Outlined are results of work in operation and testing of
a unit consisting of a continuously operating high pressure
coil boiler with liquid slag removal of the 67-1-SP-
230/100 type built by the Bureau for Construction of
Continuously Operating Coil Boilers of the Podol'skiy
Machine-Building Works im. Ordzhonikidze. This boiler is
heated with pulverized Donets coal. Diagrams, charts.

Institution : As mentioned above

Submitted : No date

LUNEYEV, V.V.

AID P - 1505

Subject : USSR/Electricity

Card 1/1 Pub. 26 - 1/36

Authors : Luneyev, V. V., Eng and Shmukler, B. I., Eng.

Title : The firing of once-through boilers

Periodical : Elek. sta., 3, 1-6, Mr 1955

Abstract : The authors emphasize the quick-starting and stopping characteristic of the once-through boilers of the forced-flow type. The ignition is relatively simple, but is necessary to watch closely the stability of evaporation. This condition is provided for in serial high-pressure boilers of the 67-SP-230/100 type. The initial pressure should be at least 25 to 30 atm. 6 diagrams

Institution: None

Submitted : No date

DIREKTOR, Bentsian Yakovlevich; LUNEYEV, Vasil'y Vladimirovich; SHMUKLER,
Boris Isaskovich; FLAKSEMAN, Yu.N., red.; LARIONOV, G.Ye.,
tekhn.red.

[Operation of once-through boilers] Eksploatatsiia priamotochnykh
kotlov. Moskva, Gos.energ.izd-vo, 1959. 270 p. (MIRA 12:12)
(Boilers)

LUMBYEV V.V., inzh.; SHMUKLER, B.I., inzh.

Experience in operating through-type boilers equipped with shaft-mill furnaces [with summary in English]. Teploenergetika 6
no.1:3-9 Ja '59. (MIRA 12:1)

1. Moskovskoye otdeleniye TSentral'nogo nauchno-issledovatel'skogo kotloturbinного instituta.
(Boilers)

L 11044-63

EW(1)/EWG(k)/BES/EEC(b)-2

AFETG/ASD/ESD-3

Pz-4

AT/TJR(C)

ACCESSION NR: AT30C2961

S/2927/62/000/000/0061/0065 66
65

AUTHOR: Avak'yants, G. M.; Knigin, P. I.; Lunezhev, S. P.

TITLE: Behavior of an ohmic contact in strong electric fields in the presence of a cross magnetic field [Report at the All-Union Conference on Semiconductor Devices, Tashkent, 2-7 October, 1961]

SOURCE: Elektronno-dy*rochny*ye perekhody* v poluprovodnikakh. Tashkent, Izd-vo AN UzSSR, 1962, 61-65

TOPIC TAGS: semiconductor-metal ohmic contact

ABSTRACT: Experiments with a semiconductor-metal contact placed in a magnetic field and passing square pulses are reported. Germanium samples 1-1.5-cm thick, 3-5 sq mm cross-section, with a resistivity of 20-40 ohms-cm were equipped with tin contacts. Voltages up to 100 v were applied as square pulses of 10-100-microsec duration with a repetition rate of 1 cps to 10 ka. At voltages up to 20 v, the pulses retained their square shape. At higher voltages, leading and trailing pulse edges differed widely; an explanation is offered in terms of nonequilibrium carriers. Current-voltage characteristics plotted for the leading pulse edge are linear; those for the trailing pulse edge, exponential. Further experiments involved cross magnetic field up to 1,400 oerst. The magnetic field caused a

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ACCESSION NR: AT3002981

decrease in the current-pulse trailing edge and did not affect the leading edge. The phenomenon is explained by deviation of carriers by the magnetic field which varies the interelectrode distance. Orig. art. has: 5 figures and 6 formulas.

ASSOCIATION: Akad. nauk SSSR(Academy of Sciences SSSR); Akad. nauk UzSSR(Academy of Sciences UzSSR); Tashkentskiy gosuniversitet im. V. I. Lenina (Tashkent State University)

SUBMITTED: 00

DATE ACQ: 15May63

ENCL: 00

SUB CODE: 00

NO REF SOV: 003

OTHER: 00

kes/w
Card 2/2

ADIROVICH, E.I., akademik; KRUCHENETSKIY, O. Ye.; KURBANOV, O.M.;
LJNEZHEV, S.P.

Measuring short lifetimes using the phase-frequency characteristics of the impedance of the pn-junction. Dokl. AN Uz.SSR 21
no. 10:11-14 '64 (MIRA 19:1)

1. Fiziko-tekhnicheskij institut AN UzSSR. 2. Akademiya nauk
UzSSR (for Adirovich). Submitted July 10, 1964.

L 59004-65

ACCESSION NR: AR5015988

UK/0058/65/000/005/2097/2097

SOURCE: Ref. zh. Fizika, Abs. 5E747

AUTHOR: Lunezhev, S. P.

TITLE: Choice of input circuit in the measurement of small Tau by the phase method

CITED SOURCE: Dokl. AN UzSSR, ^{4/}no. 11, 1964, 27-30

TOPIC TAGS: lifetime measurement, input circuit, phase method, parasitic capacitance

TRANSLATION: A calculation is made of the input circuit used in the phase method of measuring small lifetimes τ , taking into account the influence of not only parallel but also series capacitances, the role of which increases at high frequencies. The presence of series capacitance produces a parasitic phase shift, which cannot be separated as a term and compensated for beforehand; this parasitic shift can reverse the sign of the measured quantity, and this can be erroneously interpreted as being due to "inductive" physical processes. An analysis of the obtained formulas and experimental data shows that the measurement of τ is best carried out in the voltage-generator mode. If such a mode cannot be produced,

Word 1/2

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ACCESSION NR: AR5015988

then to eliminate the influence of the parasitic capacitance it is recommended that a shunting resistance resulting in a diode operating mode be introduced.
7. Litovchenko.

SUB CODE: 1M

ENCL: 00

Jim
Card 2/2

L 21416-65 EWI(d)/EEC(k)-2/EEC-4/ Po-4/Pq-4/Pg-4/Pk-4/P1-4 AFML/SSD/AFETR/
ACCESSION NR: AP4049915 RAEM(a)/ESD(c) S/0020/64/159/003/0532/0535

AUTHORS: Adirovich, E. I. (Academician AN UzSSR); Lunezhev, S. P.;
Mironenkova, Z. P.

TITLE: Phase-compensation method of measuring^{pm} relaxation times on^B
the order of 0.1 nanosecond in p-n junctions

SOURCE: AN SSSR. Doklady, v. 159, no. 3, 1964, 532-535

TOPIC TAGS: phase measurement, relaxation time, bridge measurement,
pn junction, nanosecond pulse

ABSTRACT: A new bridge method combining the advantages of phase and
null measuring methods is described. The method makes possible the
measurement of relaxation times of the order of 10^{-10} sec. Specifi-
cally, the method allows separate determination of resistivity and
capacitance of the diode arm by using a comparison bridge circuit
and a phase meter as the null detector along with voltmeters to
establish the voltage balance. Under the assumption of an equality
of parasitic capacitances of both standard resistive arms as well as
the same equality between the diode and the comparator arm, the

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ACCESSION NR: AP4049915

phase balance of the bridge is attained when both the resistor and the capacitor of the comparator arm equal the corresponding parameters of the diode. The system has a special input circuit which makes possible stabilization of the diode prior to measurements and reduction to minimum of parasitic capacitances of standard arms. The measurement accuracy, as tested by replacement of the diode by corresponding resistance and capacitance standards, was found to be in a fair agreement with the standards within the relaxation time range of 10^{-8} to 10^{-10} sec. The range can be extended easily by an order up and down by appropriate manipulation of circuit details. The relative error in a series of repeated measurements did not exceed 10 percent.

ASSOCIATION: Fiziko-technicheskiy institut Akademii nauk UzSSR (Physicotechnical Institute, Academy of Sciences UzSSR)

SUBMITTED: 05Aug64

ENCL: 00

SUB CODE: EC

NO REP SQV: 009

OTHER: 001

ATD PRESS: 3166

Card 2/2

L 1071-66 EWT(1)/T/EMA(h) IJP(c) AT
 UR/0058/65/000/004/E057/E067
 ACCESSION NR: AR5014412
 SOURCE: Ref. zh. Fizika, Abs. 4E501
 AUTHOR: Adircvich, E. I.; Kruchenetskiy, O. Ye.; Kurbanov, O. M.; Lunezhev, S. P.
 TITLE: Using frequency-phase characteristics of impedance in the p-n junction for measuring short lifetimes
 CITED SOURCE: Dokl. AN UzSSR, no. 10, 1964, 11-14
 TOPIC TAGS: semiconductor diode, carrier lifetime, semiconductor research
 TRANSLATION: A theoretical basis and experimental proof is given for the possibility of using the phase shift between the voltage across a diode and the current through it to measure short lifetimes in semiconductors. In contrast to previously developed methods, this method does not require establishment of limiting operating conditions for the diode (conditions for the current or voltage generator). The method facilitates the measurement of lifetimes less than 10^{-9} sec. An experimental check of the method is made on an electrical analog of a diode. A. Stepanova
 SUB CODE: EC ENCL: 00
 Card 1/1 DP

L 46712-66 EWT(1) IJP(c) AT

ACC NR: AP6023027

SOURCE CODE: UR/0166/66/000/002/0041/0046

AUTHOR: Adirovich, E. I.; Lunezhev, S. P.; Yarullina, F. S.

ORG: Physico-Technical Institute, AN UzSSR (Fiziko-tehnicheskiy institut AN UzSSR)

TITLE: Phasometric device for the determination of effective cross sections for local centers in a doped photoconductor

SOURCE: AN UzSSR. Izv. Ser fiz-matem n, no. 2, 1966, 41-46

TOPIC TAGS: photoconductor, infrared quantum generator, relaxation process, phase shift analysis, CURRENT CARRIER, CAPTURE CROSS SECTION

ABSTRACT: An experimental setup for determining the relaxation time τ for the capture of current carriers in a doped photoconductive semiconductor is described. This characteristic time can be used to determine the effective capture cross section for current carriers by local doping centers in the semiconductor. The measurement of τ is accomplished by means of phase locked detection of the signal from the sample, the illumination of which is interrupted by a chopper. The essential purpose of the article is to describe in detail a method and a practical experimental arrangement for the determination of τ using a phase locked detection system. Spurious phase shift is eliminated by a calibration in which the infrared source and the semiconductor are replaced by a lamp and photomultiplier, respectively. An uncalibrated phase shift ampli-

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L 46712-66

ACC NR: AP6023027

fier is adjusted so that the output of the system is nulled. The amp and photomultiplier are then replaced by the infrared source and photoconductor. A calibrated phase shift amplifier is then used to null the signal again, giving a measurement of the phase shift in the photoconductor. The equipment described will measure relaxation times in the range 10^{-3} to 10^{-6} seconds. Hence for materials with a carrier concentration of 10^{12} cm^{-3} an effective capture cross section of 10^{-16} to 10^{-13} cm^2 can be measured. Orig. art. has: 4 figures, 6 formulas.

SUB CODE: 20,09/

SUBM DATE: 24Jul65/

ORIG REF: 014/

OTH REF: 004

Cord 2/2 fv

SHINKEVICH, Zinaida Markovna; TEKHAPOV, Tair; LUNEZHEVA, M.S., red.

[Practical studies at a school experimental and training plot; textbook for students of the 7th grade of Uzbekistan schools] Frakticheskie zaniatiia na shkol'nom uchebno-opytnom uchastke; uchebnoe posobie dlia uchashchikhsia 7-go klassa shkol UzSSR. Izd.4. Tashkent, Sredniaia i vysshaia shkola, 1963. 154 p. (MIRA 17:10)

SADYKOV, A.S., akademik, otv.red.; LUNEZHNEVA, M.S., red.; MEL'NIKOV, A.,
tekhn.red.

[Chemistry of cotton] Khimiia khlopchatnika. Tashkent, Gos.
izd-vo Uzbekskoi SSR, 1959. 177 p. (MIRA 13:2)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut khimii
rastitel'nykh veshchestv. 2. AN UzSSR (for Sadykov).
(Cotton--Analysis)

KOROLEV, Aleksey Vasil'yevich, prof.; LUNEZHEVA, M.S., red.;
YAKUBOV, B.T., tekhn. red.

[Structure of ore zones and deposits] Struktury rudnykh polei
i mestorozhdenii. Tashkent, Sredniaia i vysshaia shkola UzSSR,
1962. 186 p. (MIRA 16:7)

(Ore deposits)

RYBAKOV, Arkadiy Andreyevich; LUNEZHEVA, M.S., red.; GORR, G.K.,
red.; YAGONTSEVA, E.V., tekhn. red.

[Gathering, processing, and storing fruit and grapes] Sbor,
obrabotka i khranenie fruktov i vinograda. Tashkent, Gos.
izd-vo "Sredniaia i vysshaia shkola" UzSSR, 1962. 165 p.
(MIRA 16:5)

(Uzbekistan--Fruit) (Uzbekistan--Grapes)

LUNG, A.G.

Algebraic Methods of the Analysis and Synthesis of the Contact Schemes.
Izvestija Akad. Nauk SSSR, Ser. mat. 16, 405-426 (1952).

ISSEKUTZ, Jr. B., HETENYI, Jr. G., NAGY, H. and LUNG, M.
Temperature regulation of the denervated limb

Tables I Illus. I

Paragraph 2558 Hungarica Acta Physiologica, Budapest 1949, 2/1-4 (93-102) Graphs 4
A special method was used for the determination of blood flow where the velocity of the blood inflow from the femoral vein into a cylindrical vessel was recorded by means of a hot-wire anemometer. The difference between the oxygen load of arterial and venous blood was determined with Havemann's photocolormeter. The method did not disturb physiological conditions, as blood losses could be avoided. The observations were continued for several hours. After dissection of the spinal cord the dog's hind leg reacted to general refrigeration with an increase of the metabolic rate by 50 %, but the denervated limb of such animals also reacted with an increase in a similar range. This remaining temperature regulation could easily be abolished by narcotics. It was therefore supposed that this residual regulation was mediated by excitation of the temperature-regulating centre, which stimulated, in an unknown way, the humoral chemical regulation of heat.

SO: Section II Vol. 3 No. 1-6

LUNGEANU, I. (Bucuresti)

"Geobotany" by P.D.Iarosenko [Yaroshenko, P.D.]. Reviewed by I. Lungeanu. Natura Biologie 15 no.1:89 Ja-F '63.

LUNGEANU, Ion (Bucuresti)

~~Some~~ problems of the vegetable kingdom evolution. Natura Biologie
15 no.6:12-17 N-D '63.

RUMANIA/Human and Animal Physiology (Normal and Pathological).
The Liver.

T-8

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50941
Author : Sterescu, N., Lungeanu, M., Tabirca, A.
Inst : Academy of Sciences Rumanian People's Republic.
Title : The Effect of Folliculin upon the Motor Activity of the
Gall Bladder.
Orig Pub : Studii si cercetari fiziol. Acad. RPR, 1957, 2, No 1-2,
211-220.
Abstract : Administering estradiolic benzoate (in doses of 10,000 m
units for 20 days) to female dogs inhibited the contrac-
tions of the gall bladder and produced a complex reflecto-
ry activity phase of a food stimulant (milk). It did not,
however, affect gall bladder contractions by producing a
neurochemical phase or spontane contractions.

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RUMANIA/Human and Animal Physiology (Normal and Pathological).
The Liver.

T-8

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50941

The return to a normal state occurred 3 months after the
injections were discontinued.

Card 2/2

VEREANU, I., dr.; ALINESCU, R., dr.; BELIGAN, Gr., dr.; LUNGEANU, M., dr.

Clinical aspects of staphylococcal septicemia and its therapy.
Med. intern., Bucur 13 no.4:603-610 Ap '61.

1. Lucrare efectuata in Clinica medicala I.M.F. "Dr. I. Cantacuzino"
(director: prof. I. Bruckner).
(STAPHYLOCOCCAL INFECTIONS case reports)
(SEPTICEMIA case reports)

PIRVULESCU, M., dr.; DUMITRESCU, C., dr.; LUNGEANU, M., dr.

Spontaneous (biliodigestive) internal biliary fistulas (with reference to 2 recent cases). Med. intern. 3:285-294 Mr '62.

1. Lucrare efectuata in Clinica de nutritie si dietetica si Clinica de radiologie, Spitalul "Dr. I. Cantacuzino".

(BILIARY FISTULA case reports) (INTESTINAL FISTULA case reports)
(CHOLELITHIASIS complications) (PEPTIC ULCER complications)

YAKOVLEV, S.A.; APUKHTIN, N.I.; BOCH, S.G.; VOZNESENSKIY, D.V.; GROMOV, V.I.; ZHUKOV, M.M.; KRASNOV, I.I.; LUNGERSGAUZEN, G.P.; PERKONS, V.A.; POKROVSKAYA, I.M.; RUDOVITS, Yu.L. [deceased]; SEMENOVA, A.S.; SHARKOV, V.V.; EPSHTEYN, S.V.; YAKOVLEVA, S.V.; VERSTAK, G. V. redaktor; GUROV, O.A., tekhnicheskiy rodaktor.

[Methodical aid for studying and geological surveying of quaternary deposits; description of methods] Metodicheskoe rukovodstvo po izucheniiu i geologicheskoi s'emke chetvertichnykh otlozhenii; opisanie metodov. Sost.S.A.Iakovlev. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po geologii i okhrane neдр, 1955. 485 p. [Microfilm] (MLRA 9:1)

1. Leningrad. Vsesoyuznyy geologicheskii institut.
(Geological surveys) (Geology, Stratigraphic--Quaternary--
Study and teaching)

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 12,
p 40 (USSR) 15-1957-12-16957

AUTHOR: Lungersgauzen, G. F.

TITLE: The Study of Loess (Issledovaniye lessa)

PERIODICAL: V sb: Metod. rukovodstvo po izucheniyu i geol. s"yemke
chetvertich. otlozheniy, Ch 2, Moscow, Gosgeoltekhiz-
dat, 1955, pp 253-274

ABSTRACT: Bibliographical entry

Card 1/1

LUNGERSGAUZEN, G.F.

Ammonites from the village of Chadobets on the Angara River.
Trudy VAGT no.2:169-172 '56. (MLRA 10:5)
(Chadobets--Ammonoidea)

LUNGERSGAUZEN, G.F.

Data on the stratigraphy of Mesozoic and Paleogenic deposits
of the northern spur of the Don-Medveditsa Upland. Trudy VAGT
no.2:190-255 '56. (MLRA 10:5)
(Don Upland--Geology, Stratigraphy)
(Medveditsa Upland--Geology, Stratigraphy)

LUNGERSGAUZEN, G.F.

Periodicity observed in climate variations of past geologic epochs
and some problems of geochronology. Dokl.AN SSSR 108 no.4:707-710
Je '56. (MIRA 9:9)

Vsesoyuznyy Aerogeologicheskij trest. Predstavleno akademikom
N.S.Shatskim.

(Geological time) (Paleoclimatology)

LUNGERSGAUZEN, G.F.

Periodic climatic changes and glacial periods; problems in historic paleogeography and absolute geochronology. Sov.geol. no.59:88-115 '57. (MIRA 11:4)

1.Vsesoyuznyy aerogeologicheskiy trest Ministerstva geologii i okhrany neдр SSSR.

(Paleoclimatology) (Glacial epoch)

LUNGERSGAUZEN, G.F.

Loess and its possible analogues in pre-Quaternary sediments of
the U.S.S.R. [with summary in English]. Sov. geol. 1 no.10:35-56
0 '58. (MIRA 12:3)

1.Vsesoyuznyy aerogeologicheskiiy trest.
(Loess)

LUNGERSGAUZEN, G.F.; RAKOVETS, O.A.

New data on Tertiary stratigraphy of the Gornyy Altai. Trudy
VAGT no.4:79-91 '58. (MIRA 12:6)
(Altai Mountains--Geology stratigraphic)

LUNGENS 25/11/56

PHASE I BOOK EXPLOITATION

SOV/3852
SOV/7-4-8

Akademiya nauk SSSR. Laboratoriya aerometodov

Trudy, tom 8: Materialy VII Vsesoyuznogo mezhvedomatvennogo soveshchaniya po aeros'yemke 25 noyabrya - 1 dekabrya 1956 g. (Materials of the 7th All-Union Interdepartmental Conference on Aerial Surveying, 25 November-1 December 1956) Moscow, Gosgeoltekhizdat, 1959. 300 p. 5,000 copies printed.

Ed. of Publishing House: V. G. Filatov; Tech. Ed.: O. A. Gurova;
Editorial Commission: N. G. Kell', Corresponding Member, Academy of Sciences USSR; A. A. Logachev, V. P. Miroshnichenko (Resp. Ed.), and N. N. Sokolov.

PURPOSE: This publication is intended for photogrammetrists, geologists, geographers, and other scientific and technical personnel concerned with aerial photography.

COVERAGE: This issue of the Transactions of the Laboratory of Aerial Survey Methods contains the second part of materials presented at the 7th All-Union Interdepartmental Conference on Aerial Surveying which took place in Leningrad, November 25 through December 1, 1956.
Card 1/10

Materials of the 7th All-Union (Cont.)

SOV/3852

Articles treat problems dealing with the execution and application of aerial survey methods in geological, geomorphological, and geophysical investigations. Special attention is directed to aerial survey methods in geological and geomorphological mapping and geophysical work under different conditions. The techniques of joint airborne magnetic prospecting and aerial photography are described. References accompany individual articles.

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Foreword	3
<u>Lungersgauzen, G. F., and V. P. Ponikarov</u> [VAGT - Vsesoyuznyy aerogeologicheskiy trust - All-Union Trust for Aerial Geological Surveying]. Summary Results of Applying Aerial-Survey Methods to Geological Reconnaissance of the USSR, Based on the Work of the All-Union Trust for Aerial Geological Surveying	5
Miroshnichenko, V. P. [Laboratoriya aerometodov AN SSSR - Laboratory of Aerial Survey Methods, Academy of Sciences USSR]. Application of	

Card 2/10

Materials of the 7th All-Union (Cont.)

SOV/3852

- Piotrovskiy, M. V., and A. A. Negrebet'skiy [Tsentral'nyy nauchno-issledovatel'skiy gornorazvedochnyy institut tsvetnykh, redkikh i blagorodnykh metallov - Central Scientific-Research Institute for Nonferrous, Rare, and Precious Metals Prospecting]. Application of Aerial-Survey Methods to Prospecting and Exploring Alluvial Mineral Deposits 216
- Logachev, A. A. [Leningradskiy gornyy institut - Leningrad Institute of Mining]. Aerogeophysical Methods and Their Application to Geological Surveying and Prospecting Schemes; Ways of Increasing the Efficiency of Such Methods 224
- Larionov, V. A., and G. F. Lungersgauzen [All-Union Trust for Aerial Geological Surveying]. Results of Applying Aeromagnetic Survey Data to Geological Mapping of the USSR 229
- Bronshteyn, K. G. [Vsesoyuznyy nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki - All-Union Scientific-Research Institute of Geophysical Prospecting Methods]. The State of Aerial Magnetic [Magnetometric] Prospecting in the USA and USSR 236
- Card 7/10

BRYUKNANOV, V. N., BUKHANEVICH, V. A. and LUNGERSGAUZEN, G. F.

"Aerial Photography in Geological Explorations in the USSR"

report submitted for the United Nations Seminar on Aerial Survey Methods and Equipment, Bangkok, Thailand, 4 January - 5 Feb 1960

BELYANESKIY, N.A.; LUNGERSGAUZEN G.F.

Tasks of geomorphological mapping and its place in a regional geological study of the U.S.S.R. Izv. AN SSSR. Ser. geog. no.5:96-104 S-0 '60.

(MIRA 13:10)

(Relief maps)

NIKIFOROVA, K.V., otv. red.; LAVRUSHIN, Yu.A., otv. red.; LUNGERSGAUZEN, G.F., red.; FEDOROVICH, B.A., red.; IVANOVA, I.K., red.; RAVSKIY, E.I., red.; MARENINA, T.Yu., red. izd-va; KASHINA, P.S., tekhn. red.; NOVICHKOVA, N.D., tekhn. red.

[Materials of the All-Union Conference on the Study of the Quaternary Period] Materialy Vsesoiuznogo soveshchaniia po izucheniiu chetvertichnogo perioda, Moscow, 1957. Moskva, Izd-vo Akad. nauk SSSR. Vol.3. [Quaternary sediments in the Asian part of the U.S.S.R.] Chetvertichnye otlozheniia Aziatskoi chasti SSSR. 1961. 442 p. (MIRA 14:9)

1. Vsesoyuznoye soveshchaniye po izucheniiu chetvertichnogo perioda, Moscow, 1957.

(Soviet Central Asia—Geology) (Siberia—Geology)

RYABCHENKOV, A.S.; ANTONENKO, K.I.; TITOV, N.A.; CHAPOVSKIY, Ye.G.;
CHURINOV, M.V.; KONOPLYANTSEV, A.Z.; VIKTOROV, S.V.; VOSTOKOVAYA,
Ye.A.; SADOVSKIY, N.D.; KUDELIN, B.I.; OGIL'VI, N.A.;
LUNGERSGAUZEN, G.F.; BRODSKIY, A.A.; SHCHERBAKOV, A.V.; POPOV,
V.N.; YEMEL'YANOVA, S.P.; SOKOLOV, S.S.; BERSENEV, I.I.; GROSHIN,
S.I.; MAKKAVEYEV, A.A.; MARINOV, N.A.; YEFIMOV, A.I.; ASSOVSKIY,
G.N.; VLADIMIROV, A.G. [deceased]; PROKHOROV, S.P.; FILIPPOVA,
B.S., red. izd-va; HYKOVA, V.V., tekhn. red.

[Methodological manual on hydrogeological surveying at the scales
of 1:1,000,000 - 1:500,000 and 1:200,000 - 1:100,000] Metodiche-
skoe rukovodstvo po gidrogeologicheskoi s"emke masshtabov
1:1000 000 - 1:5000 000 i 1:200 000 - 1:100000. Pod obshechi
red. A.A.Makaveeva i A.S.Riabchenkova. Moskva, Gos. nauchno-
tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 318 p.
(MIRA 15:3)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr.
(Water, Underground) (Geological surveys)

BATURIN, V.V., glav. red.; BRYUKHANOV, V.N., red.; TSIKKEL', L.M., red. VOSKRESENSKIY, Ye.N., red.; IL'INA, N.S., red.; LEONOV, B.N., red.; LUNGERSGAUZEN, G.F., red.; MINSKAYA, V.M., red.; MORALEV, V.I., red.; RAKOVETS, O.A., red.

[Methods for the interpretation of the materials of aerial photography in geological studies; materials] Metody deshifrirovaniia aerofotomaterialov pri geologicheskikh issledovaniyakh; materialy. Glav. red. V.V. Baturin, V.N. Briukhanov, L.M. Tsikkel'. Moskva, Izd-vo "Nedra," 1964. 150 p. (MIRA 17:7)

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VORONOV, P. S. kand geol.-mineral nauk; GAKKEL', Ya. Ya., doktor geograf. nauk, prof.; KATTERFEL'D, G. N., kand. geograf. nauk; LUNGERSGAUZEN, G. F., doktor geol.-mineral nauk, prof.; SUSLOV, A. K., kand fiz.-matem nauk; KHAIN, V. Ye., doktor geol.-mineral nauk, prof.; SHAFRANOVSKIY, I. I., doktor geol.-mineral nauk, prof.; SHNITNIKOV, A. V., doktor geogr. nauk, prof.; SHUBAYEV, L. P. kand geograf nauk, dotsent

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Izv. Vses. geog. ob-va 96 no. 2:164-167 Mr-Ap '64. (MIRA 17:5)

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Ivan Semenovich Shchukin, 1885; on his 80th birthday. Sov. geol. 8 no.5;
154-156 My '65. (MIRA 18:7)

LUNGERSGAUZEN, L.

Mbr., Inst. Geology, Dept. Geological-Geog. Sci., Acad. Sci., -1942-.

Geology. Mbr., Inst. Geology, Ukr. Acad. Sci., -1939-; Mbr., All-Union Geology Inst. -1942-.

"Traces of Glacial Climate in the Older Paleozoic of Podolia." "Stages of Development of the Dnieper-Donets Depression."

SO: Dok. AN, 22, No. 6, 1939;

"On the Stratigraphical Relation of Silurian Beds of Podolia to Analogous Beds of Some Other Districts of Western Europe. "

So: Dok. AN. 34, No. 2, 1942.

"The Triassic Stratigraphy of the Donetz Ridge."

SO: Dok. AN. 34 No. 3, 1942;

"Bajocian and Bathonian Deposits of the Donets Ridge."

SO: Dok. AN. 34 No. 6. 1942;

"The Upper Jurassic of the Donets Range"

SO: Dok. AN. 41, No. 7, 1943.

LUNGERSCAUZEN, I.

"On Certain Peculiar Features of the Ancient Series of the Western Slope of the South Urals,"

SO: Dok. AN. 52, No. 2, 1946.

PEL'TS, Ya.Ye.; LUNGOR, V.P.

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29 no.3:55-56 Mr '65. (MIRA 18:5)

LUNGU, A.

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Jan. 1959

Monthly List of East European Accessions (EEAI) LC Vol. 3, no. 9, ^{Sept.} 1959

Uncl.

BERLESKU, E. [Berlescu, E.]; LUNGU, A.; KRISTOVYANU, A. [Christoveanu, A.];
SHULLER, A. [Suller, A.]; STOYCHESKU, K. [Stoicescu, K.]; MIKHESKU,
R. (Rumyniya)

Effect of meteorological factors on the function of the adrenal cortex
during balneotherapy. Vop. kur., fizioter. i lech. fiz. kul't. 29 no.4:
316-322 J1-Ag '64. (MIRA 18:9)

1. Institut endokrinologii imeni Parkhona (dir. - akademik Sht. I.
Milku [Milcu, S.] i Institut bal'neologii i fizioterapii (dir. -
prof. T.Dinkulesku [Dinculescu, T.]), Bukharest.

LUNGU, Al.; TACHE, Alina; BERLESCU, Elena; CRISTOVEANU, Ana; NICOLAU, Gratiela; SCHULLER, A.

Hormonal changes during physiotherapy of patients with excess weight. Studii cercet. endocr. 16 no.2:175-180 '65.

R/010/60/011/009/001/001
A231/A126

AUTHOR: Lungu, Anton, Engineer

TITLE: The radioactive equilibrium of uranium deposits

PERIODICAL: Revista Minelor, v. 11, no. 9, 1960, 404 - 411

TEXT: One of the multiple factors which influences the results of the radiometric measurements of uranium deposits is the radioactive equilibrium; in the present case between the elements which form the U - Ra natural series. The radiometric measurements are based on the natural radioactivity characterized by alpha and beta emission and gamma radiation. Uranium, the generating nucleus, is finally transformed into stable plumbum after having passed through a series of intermediate phases. Analyzing the U-Ra series, one finds that the uranium itself is less radioactive than the elements generated during the disintegration process. This situation appears more evident after having analyzed the power spectrum of the U-Ra series, taking into consideration the lower power limit of the installation used. The lower power limit at the recording of the beta particles or gamma radiation depends on the type of G-M counter used. Since the author has used an "MC"-type G-M counter, provided with a Fe or Al casing, 1 - 3 mm

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The radioactive equilibrium of uranium deposits

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thick, the power limit regarding the radiometric measurement was between 0.9 and 1.0 Mev. Beta emitting elements were UX_2 with $E_{max} = 2.32$ Mev; Ra C with $E_{max} = 3.17$ Mev; Ra C' with $E_{max} = 1.80$ Mev; and Ra E with $E_{max} = 1.17$ Mev; and gamma radiating elements: Ra C with $E_{max} = 1.766$ Mev, and Ra C' with $E_{max} = 2.090$ Mev. The establishment of the equilibrium between two radioactive elements is connected to the knowledge of the kinetics of the disintegration and the accumulation of the nuclei of the respective atoms. Notating with N_1 and N_2 the number of the generating and resulting nuclei, the accumulation speed in t time of the resulting nucleus will be equal to the difference of the disintegrating speed of the generating and resulting nuclei. If the generator nucleus has a shorter life than the resulting nucleus ($\lambda_1 < \lambda_2$), one obtains the radioactive equilibrium. The $\frac{N_1}{N_2}$ ratio and the ratio of the disintegrating speeds will be constant. The Ra/U2 radioactive equilibrium is established after a fairly short period. In many deposits, however, the Ra/U equilibrium is disturbed. The knowledge of the variation of the Ra/C ratio is very important for radiometric operations performed at these deposits. The equilibrium study is accomplished in deviation percentages against the value $3.4 \cdot 10^{-7}$ taken as 100%. The equilibrium is thus expressed by: $\xi = \frac{\alpha \cdot 100}{3.4 \cdot 10^{-7}}$, (7). Supposing the existence of a propor-

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tionality between the radiation intensity and the content of the radioactive elements, one can admit the relation $I = KC$ (8), in which I = intensity of the measured radiation, C = content of the respective element, and K = proportionality coefficient. According to the distribution of the radioactive equilibrium in the deposit, there are 2 cases distinguished: 1) Equilibrium disturbance of local character producing errors in radiometric operations. An example is given by the Happy Jack deposit in the USA (Fig. 4); 2) Equilibrium disturbance of regional character, producing systematic errors at the radiometric measurements which can be avoided if it is possible to establish the Ra/U value by another way. The author then analyzes the local equilibrium disturbance at a "post-shaped" deposit, more than 100 m long, the thickness varying from 1 to several tens of meter, having an inclination of 80° . The deposit has been explored in 6 horizons: A, B, C, D, E and F (Fig. 5 and 6). The distance between the horizons is 25 m, with the exception of E - F, where it is 50 m. On the basis of a complex study the author has established the horizontal and vertical distribution of the equilibrium. The quantitative interpretation of the results of radiometric measurements is very complicated, so that the quantitative relations are experimentally established by introducing a series of coefficients. In case the exploitation of the deposit is accomplished by drilling holes, a series of experi-

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The radioactive equilibrium of uranium deposits

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mental works are being performed to establish the transformation coefficient. On the basis of $I = KC$, (8) and the sum of intensities produced by a sum of active layers, one obtains the surface relation given by Professor Kazanskiy: $S = KCh$, where from $C = \frac{S}{Kh} 100\%$, (10). [Abstracter's Note: the author gives this equation the number 9, but this number has been used already for the previous relation, so that the abstracter took the next number, i.e. 10 for the latter equation]. The transformation coefficient K affects: 1) the thickness of the mineral zone, and 2) the real metal content in the ore. Finally, K is the element which establishes the metal content. On the basis of the experimental data, the author has constructed the function $K = f(\xi)$. The zonal distribution of the radioactive equilibrium makes the use of different transformation coefficients impossible. For a rational interpretation of the material obtained by different gamma operations, at least the orientative knowledge of the radioactive displacement is necessary. In case of a compensated zonal distribution, the use of coefficients, in case of $\xi = 100$, will supply only small errors. In case of a non-compensated zonal distribution; the value of ξ should be known and the value of the content obtained by a normal coefficient (in case of equilibrium) will be correctible. The establishment of economic reserves in case of hidden deposits is accomplished on the base of radiometric measurements and the correct interpreta-

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The radioactive equilibrium of uranium deposits

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tion of the material will lead to essential conclusions for the respective deposit. The knowledge of the equilibrium is of great importance for the exploitation process and radiometric prospecting. Because of the frequent displacement ($\epsilon < 100$), the radiometric prospecting methods are connected with geochemical methods. The radioactive equilibrium is one of the factor complexes which affects the quantitative relation. The present work has not completely exploited this factor. There are 12 figures and 12 references: 8 Soviet-bloc and 4 non-Soviet-bloc. The references to the English-language publications read as follows: Ref. 7: G. Friedländer and J. Kennedy.: Introduction to radiochemistry. (Editia în limba rusă 1952), Moscova. Ref. 8: K. Rankama: Isotope Geology (în limba rusă, Moscova 1956). Ref. 10: H. Adler: Application of Isotopic Data to problems of uranium Geology. L'utilisation de l'énergie atomique à des fins pacifiques volume 8 Genève 1958. (Editia în limba rusă sub redacția ac. Vinogradov Moscova 1959).

Card 5/7

MILCU, St.M., Member of the Academy; LUNGU, Al.; PETRESCU, C.

The part played by the cerebral cortex in the changes produced in the thyroid function by balneotherapy. Sc.Repub.pop. roumaine Vol. 1:99-123 1953.

(MINERAL WATER, effects,

on thyroid gland, role of cerebral cortex)

(CEREBRAL CORTEX, physiology,

regulation of thyroid response to balneother.)

(THYROID GLAND, effect of drugs on,

mineral water, role of cerebral cortex)

RUMANIA/Human and Animal Physiology (Normal and Pathological). T-9
Internal Secretion. General Problems.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51016

Author : Milcu, St.-M., Negoescu, I., Lungu, Al., Petrescu, C.,
Cocu, Fl.

Inst : Academy of Sciences People's Republic of Rumania.

Title : Metabolism Test of Endocrinopathy during Physical Strain.

Orig Pub : Bul. stiint. Acad. RFR. Sec. med., 1956, 8, No 3, 799-827.

Abstract : Five hundred patients were examined. The metabolism test during physical strain (according to the method of Durupt) is more conclusive than the basic metabolism test. This method makes it possible to differentiate between hyperthyroidism and a neurotic syndrome of pseudothyroidism, and to diagnose metabolism disturbances in diseases of the hypophysis and the suprarenal gland. -- From the author's summary.

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- 80 -

MILCU, St. M., acad.; LUNGU, A. I., dr.; VAISLER, L., dr.; COSTINER, E., dr.

Aspects of the thyreo-hepatic correlations in the phenomenon of
specific dynamic action. Med. int., Bucur. 12 no.2:197-207 F '60.
(THYROID GLAND, physiology)
(LIVER, physiology)

VAISLER, L., dr.; COSTINER, Emma, dr.; LUNGU, Al., dr.

New data on thyroid hormonology. Med. intern. 13 no.11:1587-1597
N '61.

(THYROID GLAND hormones)

LUNGU, A1.; MANITESCU, Florentina

The evolution of the daily rhythm of the circulating eosinophils during inanition and resumption of feeding. Stud. cercet. endocr. 13 no.1:31-38 '62.

(EOSINOPHILS) (NUTRITION DISORDERS blood)
(LEUKOCYTE COUNT) (PERIODICITY)

MILCU, St.-M., academician; NICOLESCU, CATARGI, Al.; LUNGU, Micaella;
LUNGU, Al.

The divergent evolution of basal metabolism and specific dynamic
action after lesion of the amygdaloid nuclei. Stud. cercet. endocr.
13 no.2:201-209 '62.

(GANGLIA, BASAL physiology) (BASAL METABOLISM)

LUNGU, Al.; LUNGU, Micaella

The influence of fasting and refeeding on the daily rhythms of temperature and oxygen consumption. Stud. cercet. endocr. 13 no.2:237-249 '62.

(TISSUE METABOLISM) (FASTING experimental)
(NUTRITION) (BODY TEMPERATURE physiol)

LUNGU, Al.; HOLBAN, Ruxandra; SAHLEANU, V.

The calorogenic effect of adrenalin after pinealectomy. Stud. cercet.
endocr. 13 no.2:297-298 '62.

(PINEAL BODY physiology) (EPINEPHRINE pharmacology)
(BASAL METABOLISM)

MILCU, St.-M., academician; LUNGU, Al.

Role of gastric thermoreceptors in the determination
of the intensity of postalimentary eosinopenic effect.
Comunicarile AR 13 no.5:469-474 My '63.

MILCU, St.M., academician; PANA, A.N.; LUNGU, Al.

The clinical characteristics of incipient hyperthyroidism.
Stud. cercet. endocr. 14 no. 3:295-311 '63

(HYPERTHYROIDISM)

TEITEL, A.; BERCEA, Irina; LUNGU, Al.; VOICU, V.

~~REDACTED~~
On the correlations between insulin and the processes of neuro-muscular reactivity and excitability. Stud. cercet. endocr. 14 no.4/5/6:539-544 '63.

MILCU, St.M., acad.; LUNGU, Al., dr.; CRISTOVEANU, Ana, biolog; DUMITRESCU, St., dr.

Changes in the urinary level of 17-hydroxycorticosteroids under the influence of balneo-physiotherapeutic factors. Med. intern. 15 no.2: 135-142 F '63.

1. Lucrare efectuata in Institutul de endocrinologie, Bucuresti.
(ADRENAL CORTEX HORMONES) (URINE) (BALNEOLOGY)
(PHYSICAL THERAPY) (ARTHRITIS) (HYPOTHYROIDISM)
(OBESITY) (ADRENAL CORTEX HYPOFUNCTION)

LUNGU, A.I.

Eosinopenic effect of glyccoll and another natural complex
aliment (milk) on the rat. Comunicarile AR 13 no.5:475-479
My '63.

LUNGU, Al., candidat in stiinta medicale

New and old problems in the study of the suprarenal glands.
St si Teh Buc 15 no.10:41-43 0 '63.

1. Institute of Endocrinology, Bucharest.

LUNGU, Al., dr.

Current problems in medical biometeorology. Med. intern. (Eucur.)
16 no.8:1007-1014 Ag '64.

1. Lucrare efectuara la Institutul de endocrinologie al Academiei
Republica Populara Romina, Bucuresti (director: acad. St. M. Milcu).

LUNGU, Al., dr.; BUNEA, Minodora; TACHE, Alina, biolog

Possible correlation between some current meteorological indexes (relative atmospheric humidity, wind velocity) and daily variations of urinary 17-ketosteroids in man. Med. intern. (Bucur.) 16 no.10:1253-1260 0 '64

1. Lucrare efectuată în Institutul de endocrinologie (director: acad. St.M.Milcu), București.

HOLBAN, Roxandra; SAHLEANU V.; LUNGU, Al.

Influence of epiphysectomy on specific dynamic actions. Studii
cercet. endocr. 16 no.2:193-195 '65.

LUNGU, Anton, ing.

Isotopic analysis of lead. Rev min 13 no.4:168-172 Ap '62.

LUNGU, A.N.

New data on Middle Sarmatian Carnivora from the surroundings of
Kalfa of the Moldavian S.S.R. Trudy Od. un. 152 Ser. geol. i geog.
nauk no.8:31-33 '62. (MIRA 17:9)

STATICESCU, P. ing.; OLTEANU, Gh., dr.; MATEI, A., ing.; MUNTEANU, E.
ing.; LUTSCH, M., ing.; POPA, I., ing.; RACZ, Z., ing.;
COSMA, I., ing.; LENGYEL, V., ing.; LUNGU, C., ing.;
SINGER, M., ing.; CRETU, I., ing.; GRIGORAS, m., ing.;
CRACIUNESCU, C., ing.; COLIS, I., ing.; BACOS, M., ing.;
ALEXANDRESCU, T., ing.; BERZOVAN, I., ing.; TOARNICZSKI, E., ing.;
OCHIANA, S., ing.; MOCANU, E., ing.

Results obtained with different varieties in sugar-beet
growing. Ind alim 14 no.9:342-348 S'63.

1. Fabrica de zahar Giurgiu (for Matei, Munteanu).
2. Fabrica de zahar Bod (for Lutsch, Popa).
3. Fabrica de zahar Tg. Mures (for Racz, Cosma, Lengyel).
4. Fabrica de zahar Roman (for Lungu, Singer).
5. Fabrica de zahar Bucecea (for Cretu, Grigoras).
6. Fabrica de zahar Oltenia (for Craciunescu, Colis).
7. Fabrica de zahar Banat (for Bacos).
8. Fabrica de zahar Arad (for Alexandrescu, Berzovan).
9. Fabrica de zahar Ludus (for Toarniczski, Ochiana).
10. Fabrica de zahar Sascut (for Mocanu).

FRANCHE, M., Conf.; BRAUNER, E., dr.; ANDRONOVICI, Gh., dr.; MIHUL, V., dr.;
BLINDU, P., dr.; FELER, H., dr.; VINTU, G., dr.; BEJENARU, G., dr.;
RADULESCU, Alex., dr.; SABARESESE, L., dr.; HURMUZACHE, C., prof.;
TUDORANU, O., dr.; SEGAL, B., dr.; MARCULESCU, G., dr.; LUNGU, I.,
dr., LUNGU, E., dr.; ZAHARESCU, T., dr.; BALMUS, P., conf.; BEJAN, V., dr.

Scarlatinal rheumatism. Med. int., Bucur. 9 no.1:67-70 Jan 57.

(RHEUMATIC FEVER, etiol. & pathogen.
scarlet fever, incidence & prev.)
(SCARLET FEVER, complications
rheum. fever. incidence & prev.)

STRAT, C., prof.; LUNGU, I., dr.; DRAGAN, Margareta, dr.;
RUSSU, G., dr.; LUNGU, Eugenia, dr.; SOLOMON, M., dr.;
MARDARE, G., dr.; POPESCU, N., dr.; CIMPOES, C., dr.;
SELARU, M., dr.

The value of ornithine-carbonyl-transferase in hepatic diseases
of viral origin. Med. intern. 15 no.6:673-678 Je '63.

1. Lucrare efectuata in Clinica a II-a medicala, Institutul
de medicina si farmacie, Iasi (director: prof. dr. C. Strat).
(HEPATITIS, INFECTIOUS) (HEPATITIS)
(LIVER CIRRHOSIS) (ENZYME TESTS)
(TRANSFERASES)

TIPA, D., ing.; LUNGU, F., ing.

Problems regarding electric wiring in housing structures
constructed by industrial methods. Rev constr si mat
constr 16 no. 6:310-315 Je '64.

BUSTEA, Maria, dr.; DABIJA, Viorica, dr.; GHEORGHE, Ileana, dr.;
IONESCU, E., dr.; IONESCU, Zenobia, dr.; LUNGU, Felicia, dr.;
SALOMIN, Nadia, dr.; SAVIN, Valentina, dr.; STANESCU, I., dr.;
STOICA, V., dr.; SERBAN, N., dr.; VISAN, Valeria, dr.

Our results in the treatment of complications of dental caries.
Stomatologia (Bucur) 12 no.1:9-16 Ja-F'65.

1. Colectivul Serviciului de stomatologie al Spitalului uni-
ficat de adulti, Constanta.

VDOVENKO, V.M.; STROGANOV, Ye.V.; SOKOLOV, A.P.; LUNGU, G.

Structure of uranyl nitrate dihydrate. Radiokhimiya 4 no.1:59-66
'62. (MIRA 15:4)

(Uranyl nitrate)

STATICESCU, P.; LUNGU, G.; OLTEANU, Gh.; CRACIUNESCU, C.; ALBERT, A.;
MUNTEANU, E.

Studies on the keeping conditions of sugar beets. Ind alim
16 no.3:157-162 Mr '65.

1. Food Research Institute, Bucharest (for Staticescu).
2. Roman Sugar Plant (for Lung). 3. Ministry of the
Food Industry (for Olteanu). 4. Podari, Sugar Plant
(for Craciunescu). 5. Bod Sugar Plant (for Albert).
6. Giurgiu Sugar Plant (for Munteanu).

SCHALLY, V., ing.; LUNGU, Gh., ing.

New technology in studying foundation ground; use, under field conditions, of a device for undisturbed sand sample extraction under the groundwater level. Rev transport 8 no. 3:99-103 Mr '61.

SCHALLY, V., inz. (Bucarest); LUNGU, Gh., inz. (Bucarest)

Apparatus for taking sand samples of undisturbed structure
below the ground water level. Inz 1 bud 19 no.5:177-179 My '62.

DIMITRIU, C. C.; LUNGU, I.; MOISE, M.; ILARION, Fl.; DANAITA, A.

Rheumatogenic conditions in textile mills. Probl. reumat.,
Bucur. 3:71-80 1955.

(RHEUMATISM

in textile mill workers, etiol.)

(OCCUPATIONAL DISEASES

rheum. dis. in textile mill workers, etiol.)

NETEA, M., ing.; LUNGU, I., ing.

Technical control of carded-wool spinning mills by scientific methods and with the use of modern apparatus. Ind text Rum 13 no. 3:113-117 Mr 62.

1. Institutul politehnic, Iasi (for Netea).
2. Fabrica de postav, Buhusi (for Lungu).

~~LUNGU, I.~~

RUMANIA/~~Human~~ and Animal Physiology - Circulation.

V-4

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18196

Author : C.C. Dimitriu, N. Goldenberg, Gh. Creteanu, M. Blum,
I. Lungu and A. Danaita

Inst :
Title : The Influence of Factors of the External Environment on
the Mechanism by Which Hypertensive Disease is Produced
(A Study of 6040 Workers in Various Fields.)

Orig Pub : Commun. Acad. RPR, 1957, 7, No 2, 261-265

Abstract : A considerable number of individuals with increased arterial pressure were brought to light during the course of the investigation. In the first stage of hypertensive disease the single and fundamental symptom in many cases is an increase in arterial pressure. Mental work is an etiological factor in hypertensive disease more often than physical work; heavy physical work is more rarely an etiological factor than light physical work.

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FRANCHE, M., Conf.; BRAUNER, E., dr.; ANDRONOVICI, Gh., dr.; MIHUL, V., dr.;
BLINDU, P., dr.; FELER, H., dr.; VINTU, G., dr.; BEJENARU, G., dr.;
RADULESCU, Alex., dr.; SABARESSA, L., dr.; HURMUZACHE, C., prof.;
TUDORANU, O., dr.; SEGAL, B., dr.; MARCULESCU, G., dr.; LUNGU, I.,
dr.; LUNGU, E., dr.; ZAHARESCU, T., dr.; BALFOS, P., conf.; BEJAN, V., dr.

Scarlatinal rheumatism. Med. int., Bucur. 9 no.1:67-70 Jan 57.

(RHEUMATIC FEVER, etiol. & pathogen.
scarlet fever, incidence & prev.)
(SCARLET FEVER, complications
rheum. fever. incidence & prev.)

LUNGU, I.

From the experience of other countries in wood transporation. p. 403

(REVISTA PADURILOR. Vol. 71, No. 6, June 1957. Bucuresti, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 10, October 1957. Uncl.

LUNGU, I.

Rise of the index of wood-mass utilization, and decrease in exploitation losses. p. 388.

INDUSTRIA LEMNULUI. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Industriei Lemnului) Bucuresti, Rumania. Vol. 10, no. 8, Oct., 1959.

Monthly List of East European Accessions (EEAI) LC, Vol 9, no. 2, Feb., 1960

UNCL.

LUNGU, I.

Telescopic strainer for pumps used to discharge water from mines.

p. 4. TEHNICA NOUA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor)

Bucuresti. Vol. 3, no. 40, Mar. 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

LUNGU, I.

Cable railways or hauling roads? From Swiss and Norwegian experiences.

P. 786 (REVISTA PADURILOR) (Bucuresti, Rumania) Vol. 71, no. 12, Dec. 1957

SO: Monthly Index of East European Accessions (MEAI) LC Vol. 7, No. 5. 1958

STRAT, C., prof.; LUNGU, I., dr.; DRAGAN, Margareta, dr.;
RUSSU, G., dr.; LUNGU, Eugenia, dr.; SOLOMON, M., dr.;
MARDARE, G., dr.; POPESCU, N., dr.; CIMPOES, C., dr.;
SELARU, M., dr.

The value of ornithine-carboxyl-transferase in hepatic diseases
of viral origin. Med. intern. 15 no.6:673-678 Je '63.

1. Lucrare efectuata in Clinica a II-a medicala, Institutul
de medicina si farmacie, Iasi (director: prof. dr. C. Strat).
(HEPATITIS, INFECTIOUS) (HEPATITIS)
(LIVER CIRRHOSIS) (ENZYME TESTS)
(TRANSFERASES)

RUMANIA/Weeds and Weed Control

N

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 44413

Author : Lungu, I., Popovici I.

Inst : The Communist Academy of the Rumanian People's Republic

Title : Couch Grass Control Experiments

Orig Pub : Comun. acad. RPR, 1956, 6, Nop 10, 1223-1227

Abstract : The results of tests made on the degraded clay chernozem soil of the agricultural experimental station of Targu Frumos-Iassi Province showed the best method of controlling couch grass (*Agropyrum repens*) and scutch grass (*Cynodon dactylon*) to be plowing to a depth of 22 cm and deeper, thus cutting into the rootstocks. The spring plowing of scutch grass without cutting the rootstock portion boosted its propagation by 155-451 percent. -- N.N. Sokolov

Card : 1/1

Lungu, I.
~~USSR/General Division~~ - General Problems. Philosophy.
Methodology.

A-1

Abs Jour : Ref Zhur - Biologiya, No 7, 10 April 1957, 25643

Author : Lungu, I.

Inst :

Title : The Achievements of Agronomical Science in the Rumanian
People's Republic.

Orig Pub : Kolkhoznoye Proizvodstvo, 1956, No 7, 44-45

Abst : A brief listing is given of some of the achievements of
scientific research institutes and experimental stations
of the Rumanian Peoples's Republic in increasing yields
of major crops. In particular, new techniques of plo-
wing and fertilization are described. Considerable ef-
fort has been devoted to the vernalization of various
seed crops and to the introduction of new varieties of
cotton, tomatoes and melons. Effective techniques for
fighting pests have been perfected. Studies have been

Card 1/2

RUMANIA/Soil Science - Cultivation. Melioration. Erosion.

J-5

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39047

Author : Lungu, I.

Inst : -

Title : Soil Cultivation During the Summer Period.

Orig Pub : Probl. agric, 1957, 9, No 6, 7-29.

Abstract : No abstract.

Card 1/1

- 29 -

LUNGU, I.

RUMANIA/Microbiology. Microbes Pathogenic for Man and Animals. Bacteria. Aerobic
Bacilli.

F-4

Abs Jour: : Ref. Zhur-Biol., 1958, No 17, 76785.

Author : Stamat, N.; Popa, O.; Bicapopii, V.; Isopescu, I.; Lungu, I.; Draghici,
D

Inst : Not given.

Title : On the Study of the Biology of Bacillus Anthracis in Soil.

Orig Pub : Anuarul lucrar.,. stint. Inst. agron., 1957, 447-455.

Abstract : The possibility is shown of the preparation of B. anthracis in soil
under certain conditions of temperature, humidity and presence of
organic substances (especially of blood). In dry soil, the bacilli and
their spores perish.

Card 1/1

RUMANIA / Soil Science. Cultivation. Melioration,
Erosion.

J

Abs Jour: Ref Zhur-Biol., No 21, 1958, 95778.

Author : Lungu, I.

Inst : ~~Not given.~~

Title : Cultivation of Soils and Use of Fertilizers
(in Rumania) in the Spring of 1958.

Orig Pub: Probl. agric., 1958, 10, No 3, 7-12.

Abstract: No abstract.

Card 1/1

LUNGU, I., conf.; NICOLESCU, S.; NICOLAU, P.; RADULESCU, L.; PASCU, L.

Soil thermometer on the b. l. of thermistors. Metrologia
apl 10 no.8:358-365 Ag 1973.